

20010128.qrp v02_n081.qrl.20010128

Date: Sun, 28 Jan 2001 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2081

QRP-L Digest 2081

Topics covered in this issue include:

- 1) [89996] Re: Carl & Jerry Stories ca. 1960's
by K5BDZ@aol.com
- 2) [89997] Re:%20about%20tuner%20losses%20--%20"can't%20be%20true"
by Gsdavis7070@cs.com
- 3) [89998] Another Happy ARRL "lifer"
by "Paul R. Valko" <prvalko@oakland.edu>
- 4) [89999] Re: Fox - NOUR -
by Bruce Ratray <rattray@gpfn.sk.ca>
- 5) [90000] RE: List of WPE QRPers
by "AI2Q Alex" <ai2q@adelphia.net>
- 6) [90001] Re: Last of WPE
by WB9MII@aol.com
- 7) [90002] FOX - Team Results -
by Bruce Ratray <rattray@gpfn.sk.ca>
- 8) [90003] Re: List of WPE QRPers
by "Richard Matthews" <prm@hiwaay.net>
- 9) [90004] Re: List of WPE QRPers
by Tom Popovic <ki3r@yahoo.com>
- 10) [90005] 30 mtrs Hey Doc
by hamjoel@juno.com
- 11) [90006] News of NorCal 20's to 3rd World Countries
by "Doug Hendricks" <ki6ds@dospalos.org>
- 12) [90007] Low Pass PA Filters--Teach Me
by "Rod Cerkoney" <n0rc@hotmail.com>
- 13) [90008] Re: [fpqrp] Low Pass PA Filters--Teach Me
by "Dan W. Dooley" <dandooley@pipeline.com>
- 14) [90009] Another fine QRP SSB day for CQing....
by Kevin L Anderson <k9iua@juno.com>
- 15) [90010] Re: Low Pass PA Filters--Teach Me
by "Don Wilhelm" <w3fpr@arrl.net>
- 16) [90011] FYBO Question
by "Bob Hightower" <nk7m@extremezone.com>
- 17) [90012] Re: News of NorCal 20's to 3rd World Countries
by KB90CE@aol.com
- 18) [90013] Fwd: Performance of SLV
by david gauding <david.gauding@bbs.galilei.com>
- 19) [90014] A good day!

- by Tim Pettibone <k5oi@zianet.com>
- 20) [90015] Thanks for Warbler R17 bypass cap hint
by "n4qa@juno.com" <n4qa@juno.com>
- 21) [90016] F6IPA on 7.0119
by Tim Pettibone <k5oi@zianet.com>
- 22) [90017] DX
by david gauding <david.gauding@bbs.galilei.com>
- 23) [90018] Q: SWL responses
by "John A. Evans - N0HJ" <jae@codenet.net>
- 24) [90019] [TMPS] 30m RFI problem solved
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 25) [90020] Re: Q: SWL responses
by Tom Isgro <k8cz@concentric.net>
- 26) [90021] NM FYBO Operations
by "James R. Duffey" <jamesd1@flash.net>
- 27) [90022] Re: [TMPS] 30m RFI problem solved
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 28) [90023] Gloria
by "Jeffrey L. Greer" <wd4et@juno.com>
- 29) [90024] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 30) [90025] AADE L/C Meter
by "A Turner" <aturner13@triad.rr.com>
- 31) [90026] Hamfest - Jackson MS
by n5ib@juno.com
- 32) [90027] Re: Low Pass PA Filters--Teach Me
by "James R. Duffey" <jamesd1@flash.net>
- 33) [90028] so long
by Andrew Reynolds <calliban@sinnfree.sinnfree.org>
- 34) [90029] unsubscribe
by Andrew Reynolds <calliban@sinnfree.sinnfree.org>
- 35) [90030] Fox: Fox #30 Announcement
by Thomas Jennings <jennings@eznet.net>
- 36) [90031] RE: NM FYBO Operations
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 37) [90032] Re: Low Pass PA Filters--Teach Me
by wb2vuo@juno.com
- 38) [90033] Re: Low Pass PA Filters--Teach Me
by wb2vuo@juno.com
- 39) [90034] Re: Low Pass PA Filters--Teach Me
by Bruce Muscolino <w6toy@erols.com>
- 40) [90035] RE: Low Pass PA Filters--Teach Me
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 41) [90036] Filter Design Software, etc... Free!
by "Michael Melland" <badger@vbe.com>
- 42) [90037] Filter Design URL
by "Michael Melland" <badger@vbe.com>
- 43) [90038] RE: DX & SLV

- by david gauding <david.gauding@bbs.galilei.com>
- 44) [90039] USS Pampanito on 10 mtrs
by Robert McAtee <w5tnj@camalott.com>
- 45) [90040] Re: Low Pass PA Filters--Teach Me
by Steve Bauder <sbauder@win.bright.net>
- 46) [90041] new address
by "Randall M. Payne" <randyp@strato.net>
- 47) [90042] Good deals on headphones and QRP power supply
by K4IA@aol.com
- 48) [90043] Charging Multiple Gel Cells
by <baltimoremd@baltimoremd.com>
- 49) [90044] Photos of K1 Toroids
by "K7FD N7SG" <cqdx@teleport.com>
- 50) [90045] K1 Toroids: T3 ok now...
by "K7FD N7SG" <cqdx@teleport.com>
- 51) [90046] Balloons
by "Ron, KU7Y" <ku7y@qsl.net>
- 52) [90047] Fwd: [fsarc] Delaware QSO Party: Feb 3&4
by "WB3LGC aka Stephen M. Shearer" <wb3lgc@netzero.net>
- 53) [90048] Small Wonder Labs DSW-20 For Sale
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 54) [90049] Re: Q: SWL responses
by "John A. Evans - N0HJ" <jae@codenet.net>

Date: Sat, 27 Jan 2001 19:01:39 EST
From: K5BDZ@aol.com
To: lbbarley@feist.com, qrp-l@lehigh.edu
Subject: [89996] Re: Carl & Jerry Stories ca. 1960's
Message-ID: <52.6782c77.27a4bb63@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bruce & group

I just gave away 2 boxes of mags containing Carl & Jerry stories. Also gave away 4 boxes of '50s Science & Mechanics, Pop'Tronics, etc.

Moving after 29 years in one house gets rid of a lot of things...in fact my wife has been looking at me rather strangely lately.....

Bill K5BDZ

Date: Sat, 27 Jan 2001 19:16:35 EST
From: Gsdavis7070@cs.com

To: qrp-1@lehigh.edu
Subject: [89997] Re:%20about%20tuner%20losses%20--%20"can't%20be%20true"
Message-ID: <a0.f51d511.27a4bee3@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Loss, gain, what does it matter? Can you communicate with each other without re-
peating yourselves every other sentence? in november of 1985, I was testing
out a bread
boarded tuna tin two that measured 4x6 inches built on a piece of wood using
nails and
little snips of wire and you get the picture. It was double ugly! Now I had
only been a
ham for a year and I had no Idea what I was doing. All I knew was I was a ham
and I
loved qrp and I wanted to tinker around. I did not have a 12v. battery to
power my tt2 so
I used a tiny 9v. transistor radio battery. I was trying to see if the thing
worked. If it did
I would invest in a can of tuna and homebrew the little jewel the way the
late Doug Demaw intended it to be done. I was using a ts520s as a rec. and I
was using a rock
at 7.110. My antenna tuner was homebrew, also on a bread board. Stop
laughing, I was
not a rich man in 1985, nor am I now. I just wanted to see if I could be a
cheap ham.
My coax was radio shack, 30 ft. long and spliced by me in 3 places, because I
was
conservative. My antenna was a raggedy, ricketty, 18 avt hy gain 80-10 with
no radials.
at 12:20 pm W0oyi in boulder began calling cq on 7.110. Just goofing around
I began
to tap out his call sign on the key that was hooked to the ugly duckling tt2.
He came
back to me! I was floored and elated all at once! I knew right then, in that
moment I was
gonna be qrp forever! He told me his name was Ron Gerut and asked me if I
could Qro
just a little bit, and I told him that I could not. He gave me a 539 and
complained that I
was very weak. I said yes I know that. If he could have seen what was
responsible for
the signals he was hearing, he would still be laughing. That evening while
my wife and
I were doing our grocery shopping, I got me a can of tuna and began to
contemplate how

pretty it would look when it was finished. Tuner losses? Whatever are you
talking about? Gordy in omaha Nw0y

Date: Sat, 27 Jan 2001 19:17:53 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Drbob92031@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89998] Another Happy ARRL "lifer"
Message-ID: <Pine.OSF.4.21.0101271915200.27392-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 27 Jan 2001 Drbob92031@aol.com wrote:

> I cannot agree with you more than 110%. When life membership first was
> introduced I was a young married guy with a child and the buck was scarce. I

Amen, Brother Bob. I joined when I was a poor 20 year old college kid and
also did the quarterly payment plan. I think it was just under \$400 in
1978 and that was some serious dough back then.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 27 Jan 2001 18:18:56 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [89999] Re: Fox - N0UR -
Message-ID: <Pine.LNX.3.95.1010127181833.19677C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Many thanks as I now have N0UR's log....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Sat, 27 Jan 2001 19:44:02 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [90000] RE: List of WPE QRPers
Message-ID: <000801c088c3\$695740a0\$7e0af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also had WPE2EAA, if I remember correctly (why does that pop out of cranial memory?) and my shining moment as a Novice was working VK3XB, Ivor Stafford, back in early 1960. It was mentioned in Herb Brier's column that VK3XB was listening for Novices on 40 meters. I recall setting my alarm clock for 3 AM, trying to be quiet so as not to wake my grandmother who slept in a room below my shack, and firing up my Heathkit AT-1 and AR-3 station into a dipole that was about 10-feet up. Of course I was rockbound (all Novices were), and I only had two crystals--but somehow Ivor found me in between the BC stations and we had a QSO.

I still prize that QSL card! It hangs on the wall of my shack to this day.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Hank
Sent: Saturday, January 27, 2001 12:05 PM
To: Low Power Amateur Radio Discussion
Subject: Re: List of WPE QRPers

I also had one of those back in 1958. Can't remember what it was. But in 1959 got the call WV2IUU.

Hank K3PM

Date: Sat, 27 Jan 2001 19:57:11 EST
From: WB9MII@aol.com
To: qrp-l@lehigh.edu

Subject: [90001] Re: Last of WPE
Message-ID: <f4.6e9ea8d.27a4c867@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Friends,
by the time I started swling, Hank Bennett had taken the program on himself...
1972: WDX9KHY
1973: WN9MII

The old popular electronics were fantastic, also remember electronics
illustrated as a good magazine.

73
Greg WB9MII
QRP ARCI 9719

Date: Sat, 27 Jan 2001 19:10:59 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [90002] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1010127190343.22990A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #28 - N0UR -

The Raiders of the Lost RF - 61	The Big Dawgs - 131
Mary - NA6E	ET - N1FN *
Fred - VE3FAL *	Tom - N5TW *
Rob - VE6JAZ *	Larry- N2WW * Clean Sweep
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *
The ScQRPions - 112	The Flying Pigs #1 - 36
Floyd - NQ7X *	Diz - W8DIZ
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S * Clean Sweep	Dan - N8IE *
Chuck - K7QO *	Brian- KB9BVN
Bob - NK7M *	Dave - WR50 *
The Cheeseheads - 120	The Houston Hounds - 122

Brian - AE9K
Jerry - N9AW *
Rick - NK9G *
Lou - W9XU *
Jim - WA9TZE *

Bill - K5ZTY *
Bill - W5SB *
Terry- KQ5U * Clean Sweep
Dan - KK5LD *
Danny- WA5OJE *

The New England Hunt Club - 43
Joel - K1QM(SK)
John - K1JD
Jim - KC1FB *
Aron - N1ODL
John - KB1ENS *
Seab - AA1MY

The Swamp Rats - 92
Paul - K4FB *
Jack - K4BYF *
Pete - NV4V * Clean Sweep
Fred - W2XN *
Tom - N1TP *

The Buffalo Wings - 36
Mark - K2QO *
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A *

The Bayou City Brass Pounders - 125
Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 13
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 118
Tim - K5OI *
Don - K5AAR *
Karl - K5DI * Clean Sweep
Dave - W0CH *
Doc - K0EVZ

The Cajun Thunder - 71
Joel - KE1LA
John - K5JS *
Wayne - K5EOA *
Jim - N5IB
Tom - AC5JH *

The Underdogs - 84
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY *
Ron - KI0II *

The VA Hams + OLW - 7
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD *
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 101
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW * Clean Sweep
George- W5YR *
Rich - N5JI *

The Minnesota North Stars - 105
Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ

The Cockroaches - 4
Gary - KM5TY
Dave - N0IT
Rich - K7SZ

Jim - N0UR *
Pat - K0PC *

Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 39

Thom - WI8W

Jim - KJ0C

Ed - N4XY

Ronnie- KE4VPN

John - K7FD/K7LOW *

The Terminators - 26

Bill - NT1R

Thaire - W2APF

David - K7EL

Bob - N7XY

Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

...ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Sun, 28 Jan 2001 01:25:09 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: <ai2q@adelphia.net>, "q" <qrp-l@Lehigh.edu>
Subject: [90003] Re: List of WPE QRPers
Message-ID: <001201c088c9\$2bf2a460\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I also had WPE2EAA, if I remember correctly (why does that pop out of
> cranial memory?) and my shining moment as a Novice was working VK3XB, Ivor
> Stafford, back in early 1960. It was mentioned in Herb Brier's column that
> VK3XB was listening for Novices on 40 meters. I recall setting my alarm
> clock for 3 AM, trying to be quiet so as not to wake my grandmother who
> slept in a room below my shack, and firing up my Heathkit AT-1 and AR-3
> station into a dipole that was about 10-feet up. Of course I was rockbound
> (all Novices were), and I only had two crystals--but somehow Ivor found me
> in between the BC stations and we had a QSO.

>
> I still prize that QSL card! It hangs on the wall of my shack to this day.
>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

.....
I was never a WPE listener, didn't have anything to listen on until I got my
novice license. But some folks are still using and enjoying their WPE. here
is a card that I got not too long ago and was honored to send out a QSL card
to Andy in Arkansas. <http://home.hiwaay.net/~prm/wpe.jpg>

And Alex, I have both an AR-3 receiver and an AT-1 transmitter setting right
here in front of me, both in pretty good shape . . . what's your offer?

Richard WA4NWW

Date: Sat, 27 Jan 2001 17:26:42 -0800 (PST)
From: Tom Popovic <ki3r@yahoo.com>
To: rattray@gpfn.sk.ca, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90004] Re: List of WPE QRPers
Message-ID: <20010128012642.8084.qmail@web209.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yep but I used a 6F6 73 Tom KI3R
--- Bruce Rattray <rattray@gpfn.sk.ca> wrote:
> Hi Art...was that xmtr from PE a 6L6 with a tapped
> coil?...if so I bilt it
> also to first get on the air while living in
> Ontario...I am gathering the
> parts to build it again and putit on the air.....
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886
> ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - SOC #11 &
> #12 - Whiner#10 -
> "QRP! How sweet it is!" oo#148 "I am da
> man wit "DAH" paddle!"
>
> On Fri, 26 Jan 2001, Tom Popovic wrote:
>
> > WPE3EYY now KI3R Tom Port Vue Pa. nr Pittsburgh
> > I build my first xmtr from a PE article. I
> > called CQ for about a week and got a fellow
> > ...WN3DOD
> > who was about 3 miles from me. What an
> > achievement
> > ... gave me a 324 report about a week later I
> > got
> > an 00 notice clear from Oregon regarding the nasty
> > signal. Boy that 00 report was like gold to me.
> > I
> > showed it to everyone to show something I built
> > made
> > it that far ... no mind to the nasty signal. 73
> Tom
> > KI3R Port Vue Pa.
> > --- KB7WW Art Moe <kb7ww@chatusa.com> wrote:
> > >

> > >
> > >
> > > Then: Now:
> > >
> > > WPE7AXB KB7WW
> > >
> > >
> > > This will help date some of us !! No, not dinner
> and
> > > a movie type of date.
> > >
> > >
> > > Art
> > > KB7WW
> >
> >
> > =====
> > The common good was the claim and justification of
> every
> > tyranny ever established over men. Every major
> horror of
> > history was committed in the name of altruistic
> motive...
> > Actors change, but the course of the tragedy
> remains the
> > same. Ayn Rand 1943
> >
> > -----
> > Do You Yahoo!?
> > Yahoo! Auctions - Buy the things you want at great
> prices.
> > <http://auctions.yahoo.com/>
> >
>

=====
The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
<http://auctions.yahoo.com/>

Date: Sat, 27 Jan 2001 20:42:07 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [90005] 30 mtrs Hey Doc
Message-ID: <20010127.204209.-191929.5.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

hey doc

heard u calling nd on thirty... lots of utter guys answered u... seems u was the most popular signal on the air thair... tried one time but u went back to some dx station...

An't 30mtrs nice... I worked madagaskar (spelt sumthin like dat} on 30 mtrs once... band has a charm of its own...

KE1LA JOEL
DISPLACED CAJUN LAD
IN MAINE...oo U'ALL
O-FISH-ILL oo Shrink
WED NITE NCS FP

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 27 Jan 2001 17:39:06 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Subject: [90006] News of NorCal 20's to 3rd World Countries
Message-ID: <004a01c088cb\$1b971a40\$7ebdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I am really excited. Tony Fishpool sent me this message today, and I just had to share it with you, as you all are responsible for making this happen. The first message is from Tony to me with a copy of a message from Dan.

Dan,

Nice to hear from you and find out a little more about where the Norcal 20's have gone.

You can reach Doug Hendricks at ki6ds@dospalos.org or you can write to:-

Doug Hendricks, 862 Frank Ave.,
Dos Palos, CA 93620, USA

I'll forward your message (and this one) to him as I know he will be thrilled to hear some news.

73
Tony - G4WIF

Dear Tony.
I am 48 years old first class radioamateur licenced since 1968 as SWL and 1970 as HAM with call sign Y03JX. Also I am engeneer in telecommunications field and now I work for Chamber of Commerce and Indusry of Romania.

I am member of "Gloria Network" and local conseiller. I receive from George, Norcal and GQRP Club through Gloria G3VUN 15 Norcals kits with cases and docs, but only 10 PCBs (printed circuit boards). Because I am skilled and experienced gears constructor, I preferred to mount myself first these tens Norcals. For each I worked hard (about one week, 10 hours/day) and now all are finished and tested. One of them is forwarded until end of february to the General Secretary of Romanian Federation of Radioamators, Mr. Vasile Ciobanita Y03APG to put him in show with occasions of his visits in the country, the all nine rested are stored at my home attempting Gloria's order to be distributed for some blind, poor but talented childs or to constitute an 'transceivers library'. So, when we have photographs I will send you by scanning via Internet or by post. If you can give me e-mail address of Doug Hendricks, I will glad to write him also. Dan-Liviu, Y03JX.

This next message is from Tony to me, explaining about Gloria and the Gloria network. It is very interesting.

Doug,
Hopefully you will start getting some news about the Romanian consignment.

Gloria G3VUN is the real hero here. She is what we call a "special needs teacher". She teaches educationally sub normal kids and therefore deserves a medal anyway. When the communist Ceausescu government fell in '89, she became aware of all the problems they had hidden away. Many special needs kids ended up in asylums because the

government didn't officially recognise they existed. They just shut them away. So when they got all democratic, they hadn't got a clue how to treat them. Off her own bat with a few friends, Gloria organised truck loads of supplies and visited to pass on her knowledge. She has now been there countless times and she set up Network Gloria. She made contact with local hams who themselves have a story to tell of operating radios under (possibly) a stricter regime than Russia. These hams "greased the wheels" and gave her accommodation etc. Some of the kits will likely end up with them as just like in what we call the "third world", money and components are hard to come by.

Gloria's closest friend over there who helped her so much was the late Andy Y03AC. Apparently, there were 2000 novices pass through his classes and some of the kids will get a NC20. A couple of years back, and just before one of her trips, she called me to ask if I would keep a sked with Andy. Email wasn't as prevalent then and this was how the arrangements were made. I did make that sked and all the info was passed to me in flawless CW at a speed I'm not normally comfortable with.

She managed to transport some 15 kits last year and when she goes again, there will be many more as she has an increased baggage allowance. She has 50 kits in all and the attached photo shows Dick Pascoe handing them over as she lives quite local to Dick and I think he got the kits from Doug Faunt. We all have a soft spot for Gloria - she's quite a lady.

Much more news will come from Gloria and maybe something that you would use in QRPP.

She speaks beautifully, and has entranced our local radio club twice now with her adventures. You may like to consider her a candidate for the NORCAL "assisted passage" scheme at the next Pacificon. It would be great for her to exemplify what you hoped would happen when you dreamed up the NC20 idea. It won't be a technical talk but rather how ham radio has helped her with the amazing work she's done and how NORCAL through the kits became a part of that.

What do you think mate?

Kind regards
Tony

Now you know why I have a great big smile on my face tonight. Thanks to Tony for sharing with me so I could share with you. The distribution of the NorCal 20 kits is a slow process, out of necessity. We will continue to ship them as George finds homes for them and ways to get them in the right hands. I knew that George was the perfect man for the Distribution and he has once again proven me correct. Thanks to Dick Pascoe, Doug Faunt, Graham

Firth, Tony Fishpool, George Dobbs and all of the rest of the unsung heroes who are helping with the project.

For the newbies. A couple of years ago, Dave Fifield headed up a stellar team of NorCal members and designed the NorCal 20. We sold the radios for \$100, and were able to kit an extra radio for everyone that we sold, which was and will be given away to hams in 3rd world countries. We did a total of 500 radios for the third world countries. Approximately 200 of them have been shipped to George, and he is distributing them as quickly as possible but it does take time.

72, Doug, KI6DS

Date: Sat, 27 Jan 2001 18:57:04 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@mpna.com>
Subject: [90007] Low Pass PA Filters--Teach Me
Message-ID: <0E29ekzabtneqdGSyMp000000728@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folk's

OK been here once before, and going back again.

I want to build a TT-2 Manhattan style--with a twist. I want to use two 2n2222s in parallel for the output PA. Will it work" I don't know, don't talk me out of it, I'm going to try! So there ;-)

I've read the handbook material (the ARRL one, with good info in it ;-) on low pass filter design and I can crank through the equations. But how do I determine the PA impedance that must be cranked into the PA filter equations. Please don't tell me the answer teach me how to do it.

I know I could just try a few things, I have extra 2n2222's for "disaster recovery" ;-) But what if it actually works!?! I'd like half a chance that this "Turbo-tuna-tin-2" is within FFC specs. And, that's

another question: Without a Spectrum Analyzer what techniques are available to test for proper output behavior?

73, Rod N0RC
Ft Collins CO

Date: Sat, 27 Jan 2001 20:34:54 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Rod Cercone" <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@mpna.com>
Subject: [90008] Re: [fpqrp] Low Pass PA Filters--Teach Me
Message-ID: <008001c088d2\$e9bd9780\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod, if you receive any private answers with good info on this topic, would you mind posting them publicly?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddess love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "Flying Pigs" <fpqrp-1@mpna.com>
Sent: Saturday, January 27, 2001 7:57 PM
Subject: [fpqrp] Low Pass PA Filters--Teach Me

> Folk's
>
> OK been here once before, and going back again.
>
> I want to build a TT-2 Manhattan style--with a twist. I want to use
> two 2N2222s in parallel for the output PA. Will it work? I don't know,
> don't talk me out of it, I'm going to try! So there ;-)
>

Date: Sat, 27 Jan 2001 21:55:32 EST
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-1@lehigh.edu
Subject: [90009] Another fine QRP SSB day for CQing....
Message-ID: <20010128.025343.5367.5.K9IUA@juno.com>

Folks,

If you have a microphone (and a radio it matches <grin>),
plug it in and give a shout.

Like several weekend days lately, I spent another
pleasant afternoon calling CQ on SSB and seeing
who would come back. Today it was 15 Qs on
10, 15, and 20 metres, including some of these
memories:

- 16 year-old Jason, KB3FSE/AG, who upgraded just
this morning and I was his first HF contact.
- WB6FAO who couldn't believe I could be QRP and 599+20
(this was on 10 meters and he was in the right place
for the time, I guess....)
- W6IR who called right afterwards and wondered what the
"killer big antenna" I was using (honest, it's just a 55 ft long
inverted vee up only 20-22 ft at the peak and fed with
television 300-ohm twin lead :-)
- AB8DF/qrp, Ed, who is a member of this list and a
fellow user of Ten Tec gear -- in his case a nice 20+ year-
old Triton IV
- AC7HH/qrp, Ki, who was on a brand new 817 and
was excited to be trying QRP (I ended up talking to him
for an hour)
- WB3DPS, Mark, who operates CW and PSK31 at
QRP levels but today tried QRP SSB....
- N2SXP, Fred, a retired airframe mechanic who
turned down his HTX-100 from 25 w to 5 w and we
ended up talking for an hour

The point? Give it whirl. Think of the "sales" this
generates. I indicate right up front in my CQ that I
am "QRP in North Dakota", so they know what they
are getting into. Many folks stop by to let me know I'm
getting out and then end up staying awhile. (My wife

is also amazed that I'm doing this -- I'm usually a person of very small talk <grin>.) And, hey, I'm fairly new to this mike thing, too.

Cool....

Cheers/73. Kevin, K9IUA, usually a QRP CW operator.....

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 27 Jan 2001 22:11:26 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <n0rc@hotmail.com>
Subject: [90010] Re: Low Pass PA Filters--Teach Me
Message-ID: <007e01c088d8\$32996100\$b4440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod,

Take a look in the ARRL Handbook at the section on RF Power Amplifiers. There among other things, you will find a section titled "Output Networks and Class AB, B, and C Amplifiers", which will tell you that the power output that you design the PA for (by choices of biasing, drive level, etc), will determine the optimum load resistance. The formula given is $R(\text{load}) = V_{cc}^2 / (2 \times \text{Power out})$.

It is common practice to use an RF transformer (either magnetically coupled or transmission line type) to bring the transistor output impedance up to 50 ohms and use a 50 ohm in - 50 ohms out low pass filter following the transformer, although you may be able to design the filter to match the impedances directly.

One word of caution - be aware of the maximum voltage rating for the collector and compare that to your operating voltage to give you some indication of the maximum SWR that your design will handle before your 2N2222s let their smoke out - an SWR of 3 will present a maximum voltage of

150% of the voltage of a 1:1 SWR.

I don't have a spectrum analyzer either (wish I did) so I use a low pass filter design that gives me adequate attenuation to meet or exceed the FCC requirements. You can use an elliptic design with notches at the 2nd and 3rd harmonics for 40 db attenuation of these harmonics. My 2001 ARRL handbook has a section on Second-harmonic Optimized (CWAZ) Low Pass Filters that claim 60 dB attenuation of the second harmonic with a 25 dB return loss in the passband.

Good luck with it - sounds like fun.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:

<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Rod Cerkoney" <n0rc@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, January 27, 2001 8:57 PM

Subject: Low Pass PA Filters--Teach Me

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>

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> a chance that this "Turbo-tuna-tin-2" is within FCC specs. And, that's
> another question: Without a Spectrum Analyzer what techniques are
> available to test for proper output behavior?

>

> 73, Rod N0RC
> Ft Collins CO

>

>

Date: Sat, 27 Jan 2001 20:14:58 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp" <qrp-1@lehigh.edu>, "elecrafft" <elecrafft@qth.net>
Subject: [90011] FYBO Question
Message-ID: <009701c088d8\$7fc1e1a0\$ca1df5cc@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "John L. Sielke" <w2agn@pobox.com>
To: <nk7m@extremezone.com>
Sent: Saturday, January 27, 2001 7:46 AM
Subject: Question on FYBO

> Sorry to be dense, but I recall a while ago some questions concerning the
> Field station (X4) multiplier. Someone asked if operating outside with
> home station antennas qualified, and I thought the answer was yes. (which
> was kind of disappointing).
>
> Anyway, just reading the rules again on your web page, and see the
> definition of a field station is to be that used for ARRL Field Day, which
> would mean NO home antennas. (Which means I can play with my portable
> antennas, which is half the fun!).
>
> Did I misread that earlier post? If I did, hope a bunch others didn't,
> also.
>
Very good question, John.

Maybe I didn't go into the answer deeply enough. It is not intended that
someone go out onto the patio and connect up their 65' tower and Force 12
stuff and qualify as a field station!

If you go out onto the patio and put up a DQ9SQ mast with wire vertical, or
some other temporary antenna, sure, you can use the field mult.

I'm making assumptions here that those that enter the contest will do so in
the spirit of QRP....honestly, and to have fun. Please note that, due to the
lack of funds, the \$1,000,000.00 prize has been deferred for awhile :^)

72,
Bob Hightower NK7M
<http://www.extremezone.com/~nk7m>

72,
Bob Hightower NK7M
<http://www.extremezone.com/~nk7m>

Date: Sat, 27 Jan 2001 22:45:41 EST
From: KB9OCE@aol.com
To: ki6ds@dospalos.org, qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [90012] Re: News of NorCal 20's to 3rd World Countries
Message-ID: <20.1142ff9d.27a4efe5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Great job! My hat is off to all of you for the excellent work. Maybe, just maybe, it's time to do another run or even another kit with the same goal in mind? Just a thought. If the clubs are not willing to do another how about donations?

73 and God Bless
Mike Truax
kb9oce

PS - How about a detailed article in CQ?

Date: Sat, 27 Jan 2001 21:45:49 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Cc: jamesd1@flash.net
Subject: [90013] Fwd: Performance of SLV
Message-ID: <5.0.2.1.0.20010127175506.028c6c80@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim,

Thanks for your nod on the SD-20/Black Widow poles. However, there are a couple of other participants that really should be mentioned.

The first written reference to the 20' collapsible fiberglass pole (as an antenna support) that I have encountered is W7ZOI and/or W1FB on page 212 in Solid State Design, published in 1977.

I learned about the fishing pole (actually a Sear's model that I still use) from the late W0VM (call recently re-issued) in 1980. My friend Bill Stocking suspended a one-radial vertical from the pole (actually a tuned doublet) called a "Vertical Slanter". He put it in article form for 73 Magazine (1978?) but I don't have the exact issue reference handy tonight.

The original St. Louis Vertical article from the Peanut Whistle was reprinted in QRPP by KI6DS in 1996. That article and some updates are still on the NorCal website after all these years. Without question the NorCal efforts got the antenna concept into general distribution and subsequently into experimentation by others.

The SLV is by no means a laboratory standard vertical but it does make contacts on 10-40M from just about any portable location imaginable. Which is exactly what the antenna is supposed to do as well as do it on the cheap! <g>

I'm close to 50 countries worked on 40M running QRP on the St. Louis Express Vertical. After the SLX effort is over will try the same thing with an original SLV. That may prove to be an interesting exercise.

Sorry to read about your mother and trust she is well on her way to recovery. Mine is in the hospital now recovering (again) from hip replacement surgery. I just got back from visiting her this evening. Hope I'm that tough and mean at 85! <g>

TTUL

de Dave, NF0R nf0r@slacc.com

>Date: Sat, 27 Jan 2001 09:45:43 -0700
>Reply-To: jamesd1@flash.net
>Sender: owner-qrp-1@Lehigh.EDU
>From: "James R. Duffey" <jamesd1@flash.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Performance of SLV
>X-To: <k8cv@netzero.net>, <david.gauding@bbs.galilei.com>, qrp-1
><qrp-1@lehigh.edu>

>X-0rcpt: rfc822;qrp-l@listserv.cc.lehigh.edu
>
>Walt - I have been gone for over a week to South Dakota tending to my mom
>and dad while she had surgery. I am just now getting caught up on the
>e-mail.
>
>I realize that this information on the SLV is an old topic, but I can't
>resist commenting on it. I noted with interest your comments on QRP-L from
>1/18/001 on the SLV being heavily touted here on QPR-L since its
>introduation.
>
> I take exception with your statement:
>
>"I have only read the glowing user reports here on QRP-L!"
>
>(I changed the uppcase to lowercase as appropriate, and used quote marks
>to differentiate your comments from mine.)
>
>In May and June of 1996 or 1997 (I don't have those archives on this
>machine, so I can't be sure of the year) Cecil, W6RCA and I carried on a
>long and sometimes vigorous discussion on the SLV with particular emphasis
>on its 40 M performance (efficiency). Cecil's comments were far from touting
>teh SLV. I tried to make my comments objective and gave what I believe were
>accurate efficiency numbers for 40M. The user can judge for himself it these
>numbers are satisfactory for him in his operating circumstances. These
>should be in the archives. I will look on the other machine for them later
>if anybody is interested.
>
>Dave's real contribution to the portable antenna world is the introduction
>wide spread use of the SD-20 and Black Widow telescoping poles as easily
>transported and erected portable antenna supports. Lightwiegth inverted vees
>can be erected as can full quarter wavelength verticals on bands from 30 M
>up. I built a very nice 3/8 wave monopole for 10 M on one. They encourage
>experimentation and portable operation from people who would never have done
>either. I think Dave's contribution in this area is as significant to QRP as
>nearly any other.
>
>It s nice to be back in NM where it is merely cold (30 degrees F or so) and
>not in South Dakota where it is frigid (13 F below). - Dr. Megacycle KK6MC/5
>--
>James R. Duffey KK6MC/5
>30 Casa Loma Road
>Cedar Crest, NM 87008

Date: Sat, 27 Jan 2001 21:25:24 -0700

From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [90014] A good day!
Message-ID: <5.0.2.1.0.20010127212140.009e9790@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

Turned on the K2 rig to 10m today as a background to doing stuff in the shack. Worked France, Japan, and Argentina in a couple of hours. Right now (0422z) F6CEL is calling CQ on 7.0082 with few takers. It's the REF contest and he send RST and his number (02 I think) and you send RST and a serial number. I'm up to 02 and looking or more!

Tim K5OI
QRP-L # 73

Date: Sat, 27 Jan 2001 23:27:20 -0500 (EST)
From: "n4qa@juno.com" <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [90015] Thanks for Warbler R17 bypass cap hint
Message-ID: <385668643.980656041686.JavaMail.root@web193-wra>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang.

Had my first PSK31 QSO with John, W6RDJ/9 in Ft Wayne, Indiana while using my brand-spanking-new NN1G/NJQRP 80 m Warbler xcvr back on 08 January 2001...with many thanks to John.
The QSO was solid copy, both ways.

But, while actually listening to the receive audio coming out of the Warbler a little while later...PSK31, CW signals etc near 3580 kHz... I felt that the signal-to-noise ratio was seriously lacking. The Warbler has a bucketful of audio output...as long as there is sufficient rf signal passing through the rf xtal filter string on its way to the receiver mixer, U2, an SA612A device.

So, anyway... a few weeks back, someone posted a short note here in which he described very low or negative gain of the rf amplifier transistor, Q9, a 2N4401 device and that he remedied this problem by placing a bypass cap around Q9's emitter resistor, R17(470 ohms) but there was no mention of the added cap's value.

Well, tonight, I experimented with the thang and soon discovered that I could control the gain of the rf amp by varying the bypass cap's value. Wound up permanently adding a 2.2 nanofarad cap across R17 and now the Warbler's receiver sounds like a real receiver...I mean, it's hot...but not excessively so.

But, I may now have to add an rf gain control pot for handling PSK31 sigs from QRO stations :)

I must admit that I have not yet attempted transmitting after making the receiver mod so...

Also, I might hook up my cool Kenwood 'scope and put some numbers to this experiment... maybe not...

Thanks to whomever made the original posting of this phenomenon.

73-1,

Bill, N4QA

Date: Sat, 27 Jan 2001 21:50:01 -0700
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [90016] F6IPA on 7.0119
Message-ID: <5.0.2.1.0.20010127214737.009eb330@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OK, I promise, last post on this stuff. F6IPA is on 7.0119 and calling CQ TEST. The exchange for him is RST (probabaly 599) and his district or chapter (# 47). Ur exchange should be RST and a serial number. He's really strong into NM. Get yourself a French station on 40m.

Tim K5OI
QRP-L# 73

Date: Sat, 27 Jan 2001 22:49:20 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [90017] DX
Message-ID: <5.0.2.1.0.20010127224408.028c4260@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Worked F6IPA on 7.015 at 0436Z. F6KLI and F6CEL a few minutes earlier. All contest exchanges.

Band is very good. I'm running one watt with a Argo 515 to a St. Louis Express vertical.

de Dave, NF0R nf0r@slacc.com

Date: Sat, 27 Jan 2001 21:53:31 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90018] Q: SWL responses
Message-ID: <3A73A5CB.6B1E219C@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings All,

Thought I'd take a break from hunt/pounce on the CQ WW 160M CW contest to ask a question.

I received a pack of QSLs from the zero buro a few days back and boy was I surprised. A few QSOs documented in my log as well as a couple that I hadn't made (I'll try to get word to the originator somehow on these). One card, however, was an SWL card from VU-0020 in India, who copied a QSO I had in Jun 99 with RX9LW. So the question: Does anyone have recommendations on how I should respond, i.e., can I use my current QSL card or should I make some special SWL cards for these rare occasions?

It was so nice to see an SWL report for a CW QSO - I wonder if there isn't more emphasis on SWL in other countries.

BTW, I nabbed three more states last night in the 160M contest - ME, MT, and SC, along with some others to help stack the odds for QSL returns. Looks like I will be taking several folks up on their offers for skeds for a few states. The toughies for me are going to be VT, RI, and AK. I need an AL QSL card, so I have been listening for those, too.

I did hear W10P on the contest, but he did not come back to my 5 watts,

so I suspect I will email him and see about a sked on 160m, too. I'll jump back in tonight and maybe clinch some more.

Get on the air an enjoy

72 - john - n0hj

Date: Sun, 28 Jan 2001 05:17:57 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [90019] [TMP5] 30m RFI problem solved
Message-ID: <5.0.2.1.0.20010128051322.00a0d850@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I told you that when I had restarted all the electronics in the house the 30 meter RFI had disappeared. BZZZZZT!!!! About 10 mins after I posted to the group the RFI reappeared. So, once again through the house unplugging things one at a time and checking the receiver. I must have done 40 flights of stairs total.

There is another computer in the house that Phyllis uses to read email, etc. The monitor generates a great deal of RFI around 10.113 or so MHz. When I turned it back on during the process of warming up the carrier freq was drifting to 10.113MHz. I don't know if it is up or down but it doesn't matter.....

I said it was going to the landfill. BZZZZZT!!!! Phyllis would not like that idea until I can find another monitor to replace it. Guess it is time for her to get a new computer... ;-)

Hearing KL7 on 30 meters so gotta try to get a new country....

FYI

Chuck Adams, K7Q0
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 28, 2001 Q's = 52 States = 22 Counties = 47 DXCC = 4
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN (in order
worked)
DXCC --- K XE VE KH6

Date: Sun, 28 Jan 2001 09:44:31 -0500
From: Tom Isgro <k8cz@concentric.net>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90020] Re: Q: SWL responses
Message-ID: <3A74304F.1CAC487C@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Some other countries require a period of SWL and a number of SWL
verifications as part of their licensing procedures. I generally blank
out the 2-way communication part of my QSL card and send a note on the
back verifying that the station did indeed hear my transmissions.

Whatever you do, respond to help this fellow get his license. Who
knows, you may work him someday for DXCC.

--

"No matter where you go, there you are"

72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, SOC 336, ARRL

<http://www.geocities.com/k8cz/qrp.html>

Date: Sun, 28 Jan 2001 07:51:07 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [90021] NM FYBO Operations
Message-ID: <B6997FEA.5FDA%jamesd1@flash.net>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Several of us QRPers from NM will be operating FYBO as a group from Galisteo Dam.

I tried to identify and invite all of the NM QRPers for whom I had e-mail addresses. However, if I left you out you are still invited to operate with us. Just drop me an e-mail and I will give you the details.

Galisteo Dam is north of Albuquerque with easy access. Exit I-25 at exit 264 and follow the signs 5 miles east to the Galisteo Dam recreation site. There are picnic shelters (ramafas) on the site that provide good operating places. The picnic area is on a ridge with sloping ground and good radio horizons in most directions.

Again, let me know if you want to participate.

There is over a foot of snow on the ground here with more expected today. I am putting off shoveling the drive as long as I can. - Dr. Megacycle KK6MC/5
--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 28 Jan 2001 08:56:01 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90022] Re: [TMP5] 30m RFI problem solved
Message-ID: <000b01c0893a\$6f0b64a0\$58773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Chuck,

I too have had many problems with noisy monitors. Here is a temporary solution in case you aren't aware of it...

I have found that most computers will allow you to adjust the vertical scan rate and this will move the HF frequency at which the emission occurs. Therefore, you may be able to go into your "display properties" and change the vertical scan rate and put the RFI on some unused frequency. If the video adapter is rather old you may not have too many (if any) v-frequency

options but it is worth looking into. Of course, as far as the computer user is concerned, the higher the vertical frequency the better (less flicker) as long as you don't exceed the monitor manufacture's specifications or run into strange video effects. The system (Windows 9x at least) will usually allow you to easily go back to the old setting if things don't work quite right.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sun, 28 Jan 2001 09:21:19 -0600
From: "Jeffrey L. Greer" <wd4et@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [90023] Gloria
Message-ID: <20010128.092320.604.0.wd4et@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gloria sure sounds like a nominee for the QRP "Hall of Fame"!

73, Jeff WD4ET

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 28 Jan 2001 09:29:29 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [90024] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1010128092328.3846A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #29 - KI0II -

The Raiders of the Lost RF - 65

Mary - NA6E
Fred - VE3FAL *
Rob - VE6JAZ *
Earl - VA6RF *
Bruce- VE5RC *

The Big Dawgs - 136

ET - N1FN *
Tom - N5TW *
Larry- N2WW * Clean Sweep
Bill - K0MP *
Bob - N6WG *

The ScQRPions - 115

Floyd - NQ7X *
Brian - K7RE *
Conard- WS4S
Chuck - K7QO
Bob - NK7M *

The Flying Pigs #1 - 36

Diz - W8DIZ
Rick - WB6JBM
Dan - N8IE
Brian- KB9BVN
Dave - WR50

The Cheeseheads - 125

Brian - AE9K *
Jerry - N9AW *
Rick - NK9G * Clean Sweep
Lou - W9XU *
Jim - WA9TZE *

The Houston Hounds - 126

Bill - K5ZTY *
Bill - W5SB *
Terry- KQ5U *
Dan - KK5LD *
Danny- WA5OJE

The New England Hunt Club - 44

Joel - K1QM(SK)
John - K1JD
Jim - KC1FB *
Aron - N1ODL
John - KB1ENS
Seab - AA1MY

The Swamp Rats - 97

Paul - K4FB *
Jack - K4BYF *
Pete - NV4V * Clean Sweep
Fred - W2XN *
Tom - N1TP *

The Buffalo Wings - 37

Mark - K2QO *
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Bayou City Brass Pounders - 130

Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 13

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 121

Tim - K50I
Don - K5AAR *
Karl - K5DI
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 74

Joel - KE1LA
John - K5JS
Wayne - K5EOA *
Jim - N5IB *
Tom - AC5JH *

The VA Hams + OLW - 7

Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The Minnesota North Stars - 109

Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ
Jim - N0UR *
Pat - K0PC *

The Night Owls - 40

Thom - WI8W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Underdogs - 86

Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
Ron - KI0II *

The NE-TX Tornados - 106

Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW * Clean Sweep
George- W5YR *
Rich - N5JI *

The Cockroaches - 4

Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Terminators - 26

Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

...ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Sun, 28 Jan 2001 10:31:27 -0500
From: "A Turner" <aturner13@triad.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [90025] AADE L/C Meter
Message-ID: <004901c0893f\$616926c0\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I posted a query last week about needing a schematic or kit for an inductance/capacitance meter and many responses concerned the Almost All Electronics kit. I ordered one and finished construction yesterday. The kit is high quality, easy to assemble and best of all IT WORKS as advertised.

If you need an L/C meter I would heartily recomend this kit. The only screw-up was yours truly managing to scratch the lens over the display when trying to remove the protective covering and having to cut out the plastic completely, but otherwise it is a good investment.

Thanks to all who told me about it.

Alex Turner - N4BYJ

Date: Sun, 28 Jan 2001 11:08:10 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [90026] Hamfest - Jackson MS
Message-ID: <20010128.100412.4663.1.n5ib@juno.com>

Anybody planning to attend the Jackson MS hamfest this weekend? Hadn't heard if there'll be a QRP meeting, but I'll be there with along with Wayne, K5EOA, fellow Cajun Thunder fox hunter.

Also, Riley Hollingsworth is scheduled to speak at 11 am.

Might bring a couple of my toys for show and tell.

Reply direct and I'll post a list of who'll be there.

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 28 Jan 2001 09:14:44 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <n0rc@hotmail.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [90027] Re: Low Pass PA Filters--Teach Me
Message-ID: <B6999384.5FE1%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Rod - You may wish to look and see how Jim, K8IQY, handled parallel 2N2222s for a final PA in his all 2N2222 40 M rig. Jim was winner of the infamous 2N2222 contest a few years back. The rig is written up in QRPp, and Quicksilver Press has a reprint of that issue available. - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 28 Jan 2001 10:42:02 -0600 (CST)
From: Andrew Reynolds <calliban@sinnfree.sinnfree.org>
To: qrp-l@lehigh.edu
Subject: [90028] so long
Message-ID: <Pine.LNX.4.05.10101281039430.20648-100000@sinnfree.sinnfree.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I've been semi-lurking here, enjoying the information, and even some of the mis-information, but it's time to pull the plug. My e-mail account here has announced that they're going off-line, so I'll be out of here following this message. So, to all the other "low-power freaks" out there, keep on rockin'!

Later,
Andy
WD9IYT

Date: Sun, 28 Jan 2001 10:42:28 -0600 (CST)
From: Andrew Reynolds <calliban@sinnfree.sinnfree.org>
To: qrp-l@lehigh.edu
Subject: [90029] unsubscribe
Message-ID: <Pine.LNX.4.05.10101281042050.20648-100000@sinnfree.sinnfree.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Date: Sun, 28 Jan 2001 11:45:59 -0500
From: Thomas Jennings <jennings@eznet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90030] Fox: Fox #30 Announcement
Message-ID: <3A744CC7.248A79B7@eznet.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hiya Hounds!

I will be the fox (subbing for KE1LA)

this coming Tuesday, January 30, 9 PM until 11 PM EST (Jan 31, 0200 - 0400 UTC)

Get them teeth nice and sharp.

I will be transmitting at 7.040 +/- and will be listening up 1 to 3 kHz.

I won't

call anyone on my frequency until the pile up thins out a lot.

I will be using this format:

<your call> RST NY TOM 5W <your call>

After your turn I will ask for any fills or send TU which will signal all hounds

to call me again. Please listen and don't call on my sending frequency.

Hope the band will stay open and everybody gets a chance to get one of my pelts.

I will be using a TS850S throttled down to 5W and a ground mounted 40 meter quarter wave vertical. I will also be using paper logs as I have no

computer in the shack :(

I am looking forward to the excitement and fun of working a REAL pile up!

GL es 73

Tom, kv2x

Date: Sun, 28 Jan 2001 12:15:47 -0500

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <jamesd1@flash.net>

Subject: [90031] RE: NM FYBO Operations

Message-ID: <LPBBJAGIPFHKPJENAKLOAEEDJAA.n1bq@wulfden.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Yup, the time is getting near. We of the newly formed Northern Vermont QRP Society will be operating our very first FYBO from up here at Wulfden Manor at 1600 feet asl on the Western slope of Mount Mansfield

(the top of the lifts at Stowe are but 3 km away, its just a small matter of a few million cubic yards of granite in the way).

I was out this morning after yet another 6 inches of snow last night shoveling the deck for our FYBO operating position, the various storms of the last three weeks alone had accumulated a good four to five feet of packed snow. It was sunny and +9F and a great day to work up a sweat. The lovely Sara, W1SLR, provided me a with a great breakfast to cap off the effort.

We will have six or seven operators of varying abilities on hand and those inside and warm will get to operate the Vermont QSO Party using my fixed station equipment while the FYBO ops are out on the deck with some field erected antennas and WE1U's K2 and some other rigs. Both efforts will be using alternative energy as Wulfden is completely off grid on solar PV and wind power.

We are really looking forward to WE1U's cooking. He promised us roast prime rib (done on a gas grill), garlic mashed potatoes and salad as well as an all day long cauldron of soup for the FYBO ops innards!

If there are any Vermont, NNY, New Hampshire, or Quebec hams who would like to join us, drop me a line, we will be happy to make room for another. All you need to bring is your favorite key, paddles, and or headphones and your choice of cushion for your butt on my picnic benches to minimize just how much FYBO actually occurs!

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfden.org>

NoVT QRP Society <<http://www.wulfden.org/NVQS/>>

AMSAT LM-1418 NJQRP #274

QRP-L #2276 Zombie #768

> -----Original Message-----

> From: James R. Duffey

> Sent: Sunday, January 28, 2001 9:51 AM

> Several of us QRPers from NM will be operating FYBO as a
> group from Galisteo Dam.

>

> I tried to identify and invite all of the NM QRPers for whom

> I had e-mail addresses. However, if I left you out you are

> still invited to operate with us. Just drop me an e-mail and I

> will give you the details.
 >
 > Galisteo Dam is north of Albuquerque with easy access. Exit
 > I-25 at exit 264 and follow the signs 5 miles east to the
 > Galisteo Dam recreation site. There are picnic shelters
 > (ramafas) on the site that provide good operating places.
 > The picnic area is on a ridge with sloping ground and
 > good radio horizons in most directions.
 >
 > Again, let me know if you want to participate.
 >
 > There is over a foot of snow on the ground here with more
 > expected today. I am putting off shoveling the drive as long
 > as I can. - Dr. Megacycle KK6MC/5

 Date: Sun, 28 Jan 2001 12:50:46 -0500
 From: wb2vuo@juno.com
 To: qrp-l@lehigh.edu
 Subject: [90032] Re: Low Pass PA Filters--Teach Me
 Message-ID: <20010128.125046.-263369.0.wb2vuo@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

First, Never throw any book or publication out.

Seeing that I have followed that rule for years, I happen to have the first QRP Notebook from Doug W1FB (the one with the blue cover), and there is a QRP TX with parallel 2N2222's.

Doug used a 5.6 ohm resistor in each emitter leg to equalize the current for the PA's. The output filter was a Pi-net that matched the collector load to 50-ohms at 0.5 watts out. Here's the info:

The Pi-net has 2 caps and one coil in the traditional configuration. The cap on the collector side was called C4 and the cap on the antenna side, C5. The collectors were coupled to the pi net with a 0.1 uF cap, and the collector was fed from Vcc through RFC1. Vcc = +12 VDC

BAND		80M	40M	30M	20M	15M
12M	10M					
C4 (pf)		1000	560	560	270	200
	180	150				
C5 (pf)		1800	820	600	470	300

	270	220			
RFC1 (uH)	25	15	15	10	
10	8	8			

I can scan the chematic and Email it as an attachment on request. Send the requests to wb2vuo@frontiernet.net as that account handles the attachments better, and it is on the computer that has the scanner connected to it...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
 President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
 Section
 My night light runs more power than my Rig!!!
 Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

 Date: Sun, 28 Jan 2001 12:57:34 -0500
 From: wb2vuo@juno.com
 To: qrp-1@lehigh.edu
 Subject: [90033] Re: Low Pass PA Filters--Teach Me
 Message-ID: <20010128.125735.-263369.1.wb2vuo@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

I forgot the coil (L1). Sorry...

L1 is wound on a T50 toroid, a T50-2 on 80M - 30M and a T50-6 on 20M - 10M

Here's the list for L1:

80M - 20 turns of #26 on a T50-2
 40M - 14 turns of #24 on a T50-2
 30M - 12 turns of #22 on a T50-2
 20M - 12 turns of #22 on a T50-6
 15M - 10 turns of #22 on a T50-6
 12M - 9 turns of #22 on a T50-6
 10M - 8 turns of #22 on a T50-6

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp

President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 28 Jan 2001 12:56:00 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: wb2vuo@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [90034] Re: Low Pass PA Filters--Teach Me

Message-ID: <3A745D30.A58394D0@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Keith,

I would carefully check if those filters meet current specs for 2nd harmonic attenuation! They are from before 'the change'! You are right about the emitter equalizing resistors and how to select for power output, but you might be well advised to use a more recent handbook for values.

73

Date: Sun, 28 Jan 2001 13:24:56 -0500

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

To: <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [90035] RE: Low Pass PA Filters--Teach Me

Message-ID: <GCECIJFJPOHMCKACOA0BCEMKCBAA.jakecart@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Rod -- N0RC:

I built an amp for my Tuna Tin -- it used 6 parallel PN2222s. The amp is at:

<http://pweb.netcom.com/~jakecart/TT-Amp.htm>

My Tuna Tin is at:

<http://pweb.netcom.com/~jakecart/TT2.html>

I used the output filter from the NJQRP's FB-40 xmtr. That circuit is in the NJQRP FB40 amp manual at:

<http://www.njqrp.org/fireball40/fb40amp.pdf>

I put a couple variable caps in the filter thinking I could adjust for the best signal -- my adjustments had little effect.

I put a 1.8 ohm resistor in the emitter leg of each transistor of my amp -- Doug DeMaw says this balances the current in each transistor so that one with a lower internal resistance won't draw too much current and burn up. I also added a zener diode to the emitters to protect them in case too much current was drawn -- like if the SWR was too high (or low).

If you look at my amp picture you'll see 5 PN2222s -- I burned up a few before I discovered I had to hold the TT's output down to about 50 mw. I also burned up some before I added the zener (I think the zener is about 16v).

The result was great -- 1.25 clean watts output. Very nice sine wave on my scope. Over 1.25 watts the signal gets sloppy. I hold the power down to 900mw to keep it QRPP. In the past month I've worked 2 CA QRPers with the 900 mw TT and got the fox last week!!

If you have any questions let me know (I'm doing this from memory -- the rig is down in the shack and I'm 2 floors up). Check out the early Doug DeMaw articles -- he did several on amps and on QRP rigs with amp sections.

73,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Rod Cercone

Sent: Saturday, January 27, 2001 8:57 PM

To: Low Power Amateur Radio Discussion

Subject: Low Pass PA Filters--Teach Me

Folk's

OK been here once before, and going back again.

I want to build a TT-2 Manhattan style--with a twist. I want to use two 2n2222s in parallel for the output PA. Will it work" I don't know, don't talk me out of it, I'm going to try! So there ;-)

I've read the handbook material (the ARRL one, with good info in it ;-) on low pass filter design and I can crank through the equations. But how do I determine the PA impedance that must be cranked into the PA filter equations. Please don't tell me the answer teach me how to do it.

I know I could just try a few things, I have extra 2n2222's for "disaster recovery" ;-) But what if it actually works!?! I'd like half a chance that this "Turbo-tuna-tin-2" is within FFC specs. And, that's another question: Without a Spectrum Analyzer what techniques are available to test for proper output behavior?

73, Rod NØRC
Ft Collins CO

Date: Sun, 28 Jan 2001 12:43:25 -0600
From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <njqrp@njqrp.org>
Subject: [90036] Filter Design Software, etc... Free!
Message-ID: <000701c0895a\$33eb6260\$ac844d40@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Two engineering design software items some may want to check out:

1. My latest issue of Electronic Products (Engineering Mag) has a full page ad from Linear Technology in it. They are offering free download or free CD ROM filter design software. Really cool !!

Free FilterCAD 3.0 Software

-Design active RC or switched-C filters up to 16th order. -Supports both

active RC and switched capacitor filter

IC's, Designs all types: lowpass,highpass,bandpass,
notch.

-Provides a variety of responses, Butterworth,Bessel,
Chebychev, Elliptic and custom responses.

-Provides circuit diagram, frequency response, phase
response, group delay, step response, pulse response,
and sine burst response. Also prints results.....

2. Another free cool site for design is now provided by National
Semiconductor. It was a \$10 per use simulation tool group that is web based
formerly called WebSIM. It is now free to use and named Webench 2.0. You
can check it out at: <http://www.webench.national.com>

Later... enjoy !

72/73 de Mike, W9WIS

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
QRP-L # 1656 QRPARCI # 9875
SOC # 142 IPARC # 252
<http://www.vbe.com/~badger>

Date: Sun, 28 Jan 2001 12:47:34 -0600
From: "Michael Melland" <badger@vbe.com>
To: <badger@vbe.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90037] Filter Design URL
Message-ID: <001701c0895a\$c7f5a380\$ac844d40@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Senior moment <grin>..... the URL for FilterCAD 3.0 download is:
<http://www.linear.com/apps/download.html>

72/73 de Mike, W9WIS

Date: Sun, 28 Jan 2001 12:58:32 -0600

From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Cc: acatan@execpc.com
Subject: [90038] RE: DX & SLV
Message-ID: <5.0.2.1.0.20010128094444.028d92a0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:43 AM 1/28/01 -0600, you wrote:

>Hi Dave,

>

>I am building the St. Louis Pocket Vertical for travel on an airplane.

>Is your vertical ground mounted?

The St. Louis Express is ground mounted.

> Are your radials on the ground or

>elevated?

Grounded. Though it should be mentioned that the feedpoint of the SLX (or the SLPV that you are building) is 7-10" high depending upon the installation. And, the somewhat rigid ribbons slope outwards and downwards from that point. To complicate things further the proximity of the seven conductors introduces additional capacitance into the mix. The radial themselves are suspended several inches above the earth by grass. Finally, the pvc insulation does not allow them to touch the ground. I have absolutely no idea what is happening electrically but the SLR's do seem to work okay for what they were intended to be, i.e. portable and easily managed radials.

I'm using nine St. Louis Radials with all seven conductors cut to 16.5' or an eighth-wave on 40M. I converted to this configuration for all my 10-40M portable verticals at KK6MC/5's recommendation. The same length covers all the design bands. Jim Duffey feels the minimum is twelve eighth-wave ribbons. But, I use nine as a reasonable compromise between performance and convenience in the field.

>Do you use a tuner at the base of the antenna.

No tuner is required for the SLPV that you are building. I tap the air-wound St. Louis Coil built exactly as described in the article in QRPP.

>I've modelled

>the antenna with EZNEC over salt water, as I use antennas on the island of
>Bonaire. (I've corresponded with you before on this subject.) I find that
>the radiation resistance is ~ 12 ohms when the coil is set to counteract
>the -jX of the short radiator. So, even if it's resonant with the right
>tap on the coil, it still has an SWR of 3:1 with 50 ohm feed. That applies

>only
>if the radials are truly efficient, i.e., not just laid on the ground but
>elevated
>or used over highly conductive earth.

I've never modeled any of my antenna designs but I do put every one of them on the air and test extensively before committing to an article. Being decidedly non-technical I have to follow my ears and later page through the log to judge an antenna's performance.

> With high resistance radials, the SWR
>will
>not be so touchy, but the efficiency of the antenna suffers, as I'm certain
>you know.
>Are you using the SLV radials as you described in QRPP?

The portable folded radials used with the original SLV were the best I could come up with in 1996. St. Louis Radials were developed later along with the St. Louis Express project. As a cliffdweller, I was after absolute convenience in the field and performance after that. Spending operating time hanging wire in trees or erecting the all-metal Random Wire Vertical got pretty old after 15 years of that.

I wanted to set-up quickly in a portable location, make a few contacts on 10-40M and go home. After a month of regular visits to River Bend School, I reviewed the log and decided the little vertical wasn't doing too badly for what it was and wrote it up for others to try.

>Wonder what your exact setup is. whatever it is, it sounds like it's
>efficient, which is one of the things QRP is all about!

I'm not really sure if the St. Louis Express is efficient in terms that engineers must necessarily use to measure and define it. But, it is a fun and useful antenna and meshes with my interpretation of QRP. I'm closing in on 50 countries worked on 40CW running QRP with the SLX. I probably have 500 plus contacts in the log with the vertical at one watt and that includes a little casual DX. I didn't get serious about chasing DX on a low-band until a few months ago. After laying off the stuff for ten years guess I'm getting hooked again!

The antenna used to work the French contesters last night on 40CW (on a very good band) is a resonant version of the St. Louis Express vertical as reprinted in the Summer 1998 issue of QRPP. The original SLX is remotely tuned between 10-40M and uses a loaded ribbon cable radiator.

Last year, I stumbled on a way to resonate the ersatz radiator on 20M. That development produced the very portable St. Louis Quickie vertical. The

article with the companion St. Louis Vest Pocket Vertical are in the current issue of QRP Homebrewer. The SLVPV is the 10-20M version of the SLPV for 10-40M that you are building now.

The SLX is my favorite portable 10-40M vertical. It is also my current "winter antenna farm" and a candidate for long-term testing. With this in mind, I lengthened the the SLX radiator several feet so it resonated independently on 40M. To do that I essentially doubled the SLQ dimensions. Being self-resonant the losses through the tuner are assumed to be somewhat less on 40M than the remotely tuned version. The revised design will end up in an "slx revisited" type article later this year but the original antenna still gets the job done.

I believe an air-wound coil radiator is hotter than the loaded ribbon cable radiator. Also, that the angle of radiation is lower on the more traditional design for identical antenna heights. I can't prove this on paper but it is my opinion after many, many hours using such verticals on the air. And, not being in a life threatening situation I don't think the differences are all that significant. I worked DXCC and DXCC/QRP with attic antennas. Talk about attenuation! I mean just how hard is it?<g>

Having said this, right now it's snowing/sleeting lightly and the temperature is below freezing. Given a choice between trotting outside and changing the tap on the coil or dialing up another band on the tuner, I'll take the warm way out.

The SD-20 support for the SLX is fitted to a St. Louis Mount. This is a modification/development of the excellent base mount that accompanies the SLV/W6MMA coils. It features a larger double-sided pvc feedpoint disk used by the SLPV, SLVPV and SLQ to easily take the alligator clip terminations of the St. Louis Radials.

The radial system used under the SLX these days (and the SLPV you are building) is as described earlier. Bottom line, the six quarter-wave St. Louis Radials for 40M used in the original article have been changed to nine eighth-wave radials.

Have to end with one shot of reality for portable operators. I can breakdown the the SLX antenna system now in my yard and re-install it anywhere else in five minutes. Period, no exceptions! That was a design goal and it was and still is important to me.

On-air performance for the SLX discussed here should be similar in different locations if the antenna is positioned in the clear. I can't reproduce the snazzy operating results at home in the summer because of absorption in dense foliage in our yard and adjacent yards.

Hope this response to your question is helpful and thanks for helping me

pass some time this morning composing it.

Regards,

de Dave, NF0R nf0r@slacc.com

>Thanks,

>Andy W9NJY

>Milwaukee

>

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
>david gauding

>Sent: Saturday, January 27, 2001 10:49 PM

>To: Low Power Amateur Radio Discussion

>Subject: DX

>

>

>Worked F6IPA on 7.015 at 0436Z. F6KLI and F6CEL a few minutes earlier. All
>contest exchanges.

>

>Band is very good. I'm running one watt with a Argo 515 to a St. Louis

>Express vertical.

>

>

>de Dave, NF0R nf0r@slacc.com

Date: Sat, 27 Jan 2001 19:36:55 -0600

From: Robert McAtee <w5tnj@camalott.com>

To: qrp-1@Lehigh.EDU

Subject: [90039] USS Pampanito on 10 mtrs

Message-ID: <3.0.3.32.20010127193655.007b1780@pop3.norton.antivirus>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I copied Dennis, NJ6VT, here in Texas also Paul. Very good signal and nice precise keying. As Paul say's he is also a number exchanging FISTS man. Nothing agains FISTS folks but what is the gain of sending those numbers back and forth. Sometimes back & forth and back & forth, and back and forth!!!! Is it a way to practice the numbers or what? I just don't get it..... ==Mac== AG5F, Abilene, Texas.

Greetings,

The club station on the sub USS Pampanito in San Francisco harbor is on 28.058 now. The call is NJ6VT, taken from the sub's old call NJVT. Pounding in 599+ here in south central WI !

72, Paul

Beware, it is also a FISTS club stn, so you will get numbers thrown at you! (Maybe you could join?)

Paul Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi 53589

wa9pwp@arrl.net

Date: Sun, 28 Jan 2001 13:43:31 -0600
From: Steve Bauder <sbauder@win.bright.net>
To: qrp-l@Lehigh.EDU
Subject: [90040] Re: Low Pass PA Filters--Teach Me
Message-ID: <3A747662.C19E5D7B@win.bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod:

I think the rule of thumb to figure the load an RF amp wants to see, is to square the supply voltage and divide it by 2 times the power output. Can't remember where it's from, but the formula has served me well over the years.

So for your example, if you're running a 12 volt supply and are designing for 1 watt output power, looks to me like the amp will want to see around 75 ohms as a load.

You may want to verify the formula before you start burning up transistors though!

Steve, nx9z

Date: Sun, 28 Jan 2001 15:07:20 -0500
From: "Randall M. Payne" <randyp@strato.net>
To: qrp-l@Lehigh.EDU
Subject: [90041] new address
Message-ID: <3.0.6.32.20010128150720.007a2ec0@mail.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is there any way to change my e-mail address for the list other than unsubscribing and resubscribing under the new address?

Thanks.

Randy k4ezm

Date: Sun, 28 Jan 2001 15:27:13 EST
From: K4IA@aol.com
To: qrp-l@lehigh.edu
Subject: [90042] Good deals on headphones and QRP power supply
Message-ID: <52.681301a.27a5daa1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All Electronics <http://www.allelectronics.com>
has a couple of good deals going right now.

PS-131 a 1 Amp Wal-wart switching power supply from Qualcomm. Weighs only a few ounces and does a great job powering my K1 for only \$6.50

HP-2 Stereo Headphones - very light and with Bass Boost so they sound good on CW only \$2

Might I also commend: BK-4 Pocket Reference Book. I have never seen anything like this. It has everything. Calculate air velocity in a pipe, look up the area code for Fiji, battery capacity, wire current capacities, voltage drop vs. wire size, load factors for joists, geometric and electronic formulas - I can't possibly describe it all. \$9.95

I am not related to this company in anyway. I just thought the products might be of interest to QRPers.

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788

Content-Transfer-Encoding: 7bit

For those interested, I have posted a photo page with completed Elecraft K1 toroids.

<http://www.teleport.com/~cqdx/cores.htm>

73 John K7FD

Date: Sun, 28 Jan 2001 12:53:18 -0800
From: "K7FD N7SG" <cqdx@teleport.com>
To: <elecraft@qth.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [90045] K1 Toroids: T3 ok now...
Message-ID: <003901c0896c\$5a8f7c00\$a9231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Refresh to see T3...operator error here...

<http://www.teleport.com/~cqdx/cores.htm>

John K7FD

Date: Sat, 27 Jan 2001 09:17:40 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [90046] Balloons
Message-ID: <000301c0896b\$854b8980\$68c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Ade,

I gave several weather balloons away over the years. Some have even been on DXpeditions! :-)

Check out your local weather people. (Not the TV types but the NWS or someone doing studies of weather related things.) I'll just bet that there

is a box of them hiding in storage someplace right there where you work!

What happens is that they all want to send up weather balloons and get a box or two of them free. Then they find out just how much it costs to really track them and the project kinda dies on the vine!

We are in Boise. It's cold. There is white stuff on the ground. Can't wait to get back to that swimming pool!

73,

cul, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

A Proud AZScQRPion

Colt: The original point and click interface

Date: Sun, 28 Jan 2001 16:42:53 -0500

From: "WB3LGC aka Stephen M. Shearer" <wb3lgc@netzero.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [90047] Fwd: [fsarc] Delaware QSO Party: Feb 3&4

Message-ID: <5.0.2.1.0.20010128163720.00a84cf0@pop.netzero.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

There will be at least one qrp station (20m qrp ssb freq's and DE qso party ssb freq's) for those looking for DE.

>Delaware QSO PARTY Rules

>2001

>

>WHO: All radio amateurs in and out of Delaware

>

>WHEN: First full weekend in February (2001: Feb 3& 4)

>Saturday: 1700Z (1200 EST) until 0500Z Sunday (midnight EST Saturday)

>Sunday: 1300Z (0800 EST) until 0100Z (2000 EST Sunday)

>

>WHERE: Suggested frequencies are:

>Phone CW

>1.860 1.825

>3.940 3.550

>7.260 7.050

>14.260 14.050

>21.360 21.050

>28.560 28.050

>Novice & technician frequencies: 25 kHz above the subband edge
>
>HOW Work stations once per band and mode.
>Exchange signal report and QTH (county for DE stations; state/province/DXCC
>country for others).
>
>SCORING: There is one class for all stations.
>Count 1 point per phone QSO.
>Count 2 points per CW/RTTY/digital QSO.
>Multipliers: none
>Awards Certificates will be awarded in the following categories:
>Within Delaware: First, Second and third highest score
>Within each Delaware county: Highest score
>Others: First, second and third highest scores
>
>LOGS: Logs must be postmarked by 9 March.
>Mail to: Contest Chairman - FSARC, Inc.
>PO Box 1050, Newark, DE 19715
>or email: QSOparty@fsarc.org
>SASE for Results
>
>
>-----Administrative-Notes-----
>To post an fsarc - relevant message to the list,
>send to: fsarc@ml.rpmdp.com
>To unsubscribe: majordomo@ml.rpmdp.com
>body of message: unsubscribe fsarc

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Date: Sun, 28 Jan 2001 12:43:00 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [90048] Small Wonder Labs DSW-20 For Sale
Message-ID: <3A749264.C543813F@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a blue case DSW-20 for sale. \$150 plus shipping.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Sun, 28 Jan 2001 15:13:43 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90049] Re: Q: SWL responses
Message-ID: <3A749996.164B47C6@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, so many responses, and all with great info, Thank you one and all.
One thing I am amazed at is the fact that many countries require SWL
confirmations for folks to get their ham license. So nice to be part of
such a big brotherhood, too.

tnx es 72 - john - n0hj

End of QRP-L Digest 2081

